Event

MPTS IJET
BI 3104
IFT/OFT

Mission

BASIC INSTRUMENT SIMULATOR

1.5 HOURS/X

ORM

BI 3104

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

BI 3104

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

ADMIN

BI 3104

- **QOD**
  - **NATOPS**
  - **EP**
  - **SOP**
- **PREREQUISITES**
  - **BI 3103**
- **MISC.**
  - **EVENT DURATION MUST BE AT LEAST 0.75 OF SYLLABUS TIME TO BE COMPLETE (1.1 HRS).**
  - **AN EVENT DURATION THAT DEVIATES GREATER THAN 0.3 HOURS FROM SYLLABUS TIME MUST HAVE THE REASON ANNOTATED ON THE GRADE SHEET.**

SYLLABUS NOTES

BI 3104

A. S-3 PATTERN AND PAR APPROACH WILL NOT BE FLOWN UNTIL BI3103.

B. DURING THIS BLOCK, STUDENTS MUST FLY AT LEAST TWO PAR APPROACHES.

C. IF FLOWN IN AN OFT, NIGHT OR DUSK VISUAL SETTING SHOULD BE USED TO EXPOSE SNA TO THE AIRCRAFT'S LIGHTING

- **ADVISE YOUR IP – HOW MANY/WHAT TYPE OF APPROACHES REMAIN PRIOR TO END OF BLOCK.**

RECOMMENDED FLIGHT CONDUCT

BI 3104

DEPARTURE:

VT-7 MOA 2 01R *“Ocean 1##”* Call Sign
VT-9 MOA 2 01R *“Ocean 1##”* Call Sign

MOA:

VT-7 MOA 2
VT-9 MOA 2

AREA MANEUVERS: AS REQUIRED TO COMPLETE MIF
TURN PATTERN LEVEL SPEED CHANGE

½ SRT SRT S-1
LEVEL SPEED CHANGE IN ½ SRT S-3

ARRIVAL: NMM
ENROUTE DESCENT TO PAR RW 01R NMM TO MISSED APPROACH
OPTIONAL APPROACH IF DESIRED

SSR/DISCUSS ITEMS

BI 3104

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **DISCUSS ITEMS:**

  - **QOD**

BLOCK MIF

BI 3104

CTS REF	MANEUVER	BI3104
1	General Knowledge/Procedures	4+
2	Emergency Procedures	3+
3	Headwork/Situational Awareness	3+
4	Basic Airwork	3+
5	Mission Planning/Briefing/Debriefing	4+
6	Communications	3+
7	Ground Operations	3+
10	Takeoff	3+
11	Departure	3+
12 25	Climbs/Descents	3+
12	En route Navigation	3+
12	Intercept/Maintain Course	3+
12	Point-to-Point Navigation	2
12	Arcing	3+
25	Turn Pattern	3+
25	One-Half Standard Rate Turn	3+
25	Standard Rate Turn	3+
25	Level Speed Change	3+
25	Level Speed Change in One-Half SRT	3+
25	Slow Flight Maneuver	3+
25	S-1 Pattern	3+
25	S-3 Pattern	3+
17	PAR Approach	3+
20	Missed Approach	3+

STANDARD DEBRIEFING FORMAT

BI 3104

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED